JOB COMPLETION REPORT INVESTIGATIONS PROJECT

STATE OF Wyoming

NAME: Big and Trophy Game Harvest Surveys

PROJECT N. W-27-R-43

PREPARED BY: Biological Services Section Bob Lanka, Supervisor and Gail Sheridan, Harvest Survey Coordinator

PROJECT OBJECTIVE NO. 1 JOB NO. 1

PERIOD COVERED: June 1, 2011 to May 31, 2012

ABSTRACT:

This report contains the results of harvest surveys for the 2011 big and trophy game hunting seasons. Harvest and hunting activity estimates for all big game, and black bear were obtained by sampling licensed hunters with Internet and mailed questionnaires. Big and trophy game archery harvest for each species was determined as part of these surveys.

OBJECTIVES:

- 1. To determine the 2011 big and trophy game harvest.
- 2. To determine the number of active hunters, days spent hunting big and trophy game, the number of days required to harvest an animal, and the percent hunter success during 2011 hunting season.

PROCEDURES:

The 2011 pronghorn, deer, elk, and black bear harvest surveys were conducted by Tetra Tech, Inc., the Department's harvest survey contractor for these species. At the close of the 2011 fall hunting season, license holders selected for the harvest survey were sent a postcard, asking them to complete the 2011 harvest survey on the internet site Tetra Tech established for this purpose.

In general, a stratified systematic random sample was drawn from holders of pronghorn, deer and elk licenses. License holders were stratified by residency, license type, hunt area(s), and/or region in which their licenses were valid. Resident general deer and elk license holders were also stratified by the county in which their licenses were purchased. For black bear, only information on hunter effort and success was requested since registration of all harvested black bears is mandatory. The black bear survey is census.

Big game license holder samples adequate to meet survey objectives for both resident and nonresident hunters were drawn from license data, and they included both general and limited quota license types. Big game harvest estimates were made for each hunt area and for each herd unit within the state. Herd units consist of one or more hunt areas. Harvest for a herd unit was determined by combining harvest estimates from the appropriate hunt areas and removing duplicate hunters (counting a hunter using two hunt areas within the same herd unit only once).

Hunters with general licenses are allowed to hunt many areas. Even hunters with limited quota licenses are allowed to hunt more than one area in some herd units. As a result, two steps are required to eliminate double or triple counting of hunters and provide accurate estimates of individual hunter numbers. When estimates of the number of hunters per herd unit are made, we count those who hunted more than one area within a herd unit as one hunter. Likewise, for statewide hunter estimates, we considered those who hunted more than one herd unit only one hunter. Thus, adding hunter numbers for hunt areas, herd units and the entire state would produce three different estimates of hunter numbers. All are accurate, but with a different frame of reference.

Additional questions were asked of hunters in an attempt to determine hunter satisfaction and hunter use of the lands enrolled in the Department's Private Lands Public Wildlife program.

Starting in 2007, archery harvest information has been obtained as part of the harvest surveys conducted by the harvest survey contractor. In the past, archery harvest information was obtained by a separate survey conducted by the Department's Biological Services Section.

2011 Summary of Big and Trophy Game Harvest Statewide

Species	Number of Hunters	Days Hunted	Harvest	Hunter Success
Antelope	58,890	207,237	55,525	94.3%
Mule Deer	56,143	295,268	27,951	49.8%
White-Tailed Deer	25,186	124,718	15,415	61.2%
Elk	55,258	441,737	23,189	42.0%
Moose	532	4,120	460	86.5%
Bighorn Sheep	249	2,029	181	72.7%
Rocky Mountain Goat	21	89	20	95.2%
Black Bear	2,572	24,459	401	15.6%
Mountain Lion	N/A	711	278	N/A
Bison	227	1,542	194	85.5%

2011 Summary of Big Game Hunters*

License Combinations	Resident	Nonresident
Single Antelope Only	3,804	13,120
Single Deer Only	13,318	14,336
Single Elk Only	12,739	7,758
Single Bear Only	159	168
Multiple Antelope Only	1,656	22,100
Multiple Deer Only	3,428	5,009
Multiple Elk Only	3,250	894
Antelope and Deer	5,602	8,090
Antelope and Elk	4,555	974
Deer and Elk	18,775	1,156
Antelope Deer Elk	11,892	486
Antelope Bear	35	12
Antelope Bear Elk	134	8
Antelope Bear Deer	123	13
Bear Elk	260	48
Bear Deer	178	52
Bear Elk Deer	1,230	35
Antelope Bear Elk Deer	1,244	10
Totals	82,381	74,270

^{*}License combinations for all Big Game license holders (regardless of whether or not they hunted Results are based on self-reported survey responses.

2011 Hunter Satisfaction Questions* Resident Response, by Species

Antelope:

Question #	Very Satisfied	Satisfied	Neutral	Dissatisfied	Very Dissatisfied
1	41.6%	41.7%	9.0%	5.4%	2.3%
2	44.9%	34.1%	17.8%	1.5%	1.8%

Deer:

Question #	Very Satisfied	Satisfied	Neutral	Dissatisfied	Very Dissatisfied
1	20.2%	37.3%	17.7%	13.4%	11.4%
2	37.0%	39.4%	18.6%	2.8%	2.2%

Elk:

Question #	Very Satisfied	Satisfied	Neutral	Dissatisfied	Very Dissatisfied
1	22.8%	36.9%	17.7%	13.3%	9.2%
2	41.8%	38.7%	15.7%	2.3%	1.6%

Black Bear:

Question #	Very Satisfied	Satisfied	Neutral	Dissatisfied	Very Dissatisfied
1	19.4%	42.1%	26.5%	8.5%	3.6%
2	44.5%	37.7%	14.7%	0.8%	2.3%

^{*}unweighted numbers

Questions:

- 1. The overall quality of your hunt?
- 2. If you were contacted by WY Game and Fish personnel while you were in the field, rate your experience?

2011 Hunter Satisfaction Questions* Nonresident Response, by Species

Antelope:

Question #	Very Satisfied	Satisfied	Neutral	Dissatisfied	Very Dissatisfied
1	56.0%	33.2%	5.8%	3.1%	1.8%
2	63.8%	24.8%	8.6%	1.6%	1.2%

Deer:

Question #	Very Satisfied	Satisfied	Neutral	Dissatisfied	Very Dissatisfied
1	31.8%	37.2%	13.2%	10.5%	7.2%
2	53.0%	31.9%	11.5%	2.0%	1.6%

Elk:

Question #	Very Satisfied	Satisfied	Neutral	Dissatisfied	Very Dissatisfied
1	37.6%	36.3%	11.3%	9.5%	5.3%
2	54.2%	30.8%	12.5%	1.5%	1.1%

Black Bear:

Question #	Very Satisfied	Satisfied	Neutral	Dissatisfied	Very Dissatisfied
1	35.2%	31.9%	19.0%	8.6%	5.2%
2	51.1%	25.5%	17.0%	6.4%	0.0%

^{*}unweighted numbers

Questions:

- 1. The overall quality of your hunt?
- 2. If you were contacted by WY Game and Fish personnel while you were in the field, rate your experience?

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2011 WYOMING PRONGHORN HUNTER SURVEY

If you prefer to fill out the survey on the Internet (www.wyhunter.org/pronghorn), please use the 8-digit password on the back of this survey.

If you have questions about the survey or prefer to complete it over the phone, please contact Ben Rouse at 1-800-216-0477 or e-mail: ben.rouse@tetratech.com

Please complete this survey after you have finished hunting or decided not to hunt Pronghorn for the 2011 season.

Q1	Did you hunt Pronghorn in Wyomin ☐ Yes ☐ No (g during the 2		•	,	heck "No" and	d skip to Q14)
Q2	How many different days did you h day of hunting as 1 day of Prongho					? (Note: Cou	ınt each partial
	Number of different	days					
Q3	Please indicate your satisfaction wl for each below)	nen hunting P	ronghorn in V	Vyoming du	uring the 2011	season. (Ch	neck one box
		Very Satisfied	Satisfied	Neutral	Dissatisfied	Very Dissatisfied	Not Applicable
	How satisfied were you with the overall quality of your hunt?						
	If you were contacted by WY Game and Fish personnel while you were the field, rate your experience.						
Q4	What was the primary method you the method you spent the most am actually used to harvest a Pronghor	ount of time	hunting Pro				
	☐ Rifle or Pistol ☐ Muzz	rleloader	☐ Archery (5	Skip to Q6)			
Q5	Did you hunt Pronghorn with arche	ry equipmen	t in Wyoming	during the	2011 season	? (Check on	e box)
	☐ Yes ☐ No (S	Skip to Q7)					
Q6 How many different days did you hunt Pronghorn with archery equipment in Wyoming during the 20 and gun seasons? (Note: Count each partial day of hunting as 1 day of Pronghorn hunting) (Enter respace below)							
	Number of different	days hunted v	vith archery e	quipment d	luring the arc l	h ery-only se	ason
	Number of different days hunted with archery equipment during the gun season						

		2011 F	Pronghorn Hur	nt Information				
Q7	How many full price Pronghorn licenses did you hold for 2011? (Reminder: Full Price means a General or a Limited Quota Type 0, 1, 2, or 9 regular, youth, pioneer or landowner Pronghorn license)							
	☐ None (Skip to	o Q8) [☐ One	☐ Two				
Q7a				lunt Area, License Ty your license docume		hether you hunted		
Ту	pe of Full Price Licen	se(s) Held			Did you hunt witl	n this license?		
1st	t full price license Hunt	Area:	License Type:	(Type 0, 1, 2, or 9)	☐ Yes	□ No		
2n	d full price license Hunt	Area:	License Type:	(Type 0, 1, 2, or 9)	☐ Yes I	□ No		
Q7		harvest a Prongh ted most if you di	orn with one or modern with one	u mainly hunted with ore of these licenses.	-	•		
	Hunt Area(s) where you hunted* (Hunt Area numbers range from 1 to 117)	Did you hunt opening day of the gun season in this Hunt Area? (Check one box)	Number of different days hunted in this Hunt Area** (Enter number below)	Did you harvest a Pronghorn in this Hunt Area? (Check one box)	Age/sex of Pronghorn harvested in this Hunt Area (Check one box)	Method used to harvest this Pronghorn (Check one box)		
e License	Main Hunt Area hunted:	☐ Yes	days	☐ Yes ☐ No (Skip to 2nd Hunt Area)	☐ Adult Buck ☐ Adult Doe ☐ Fawn (either sex)	☐ Rifle or Pistol ☐ Muzzleloader ☐ Archery		
1st Full Price License	2nd Hunt Area hunted:	□ Yes	days	☐ Yes ☐ No (Skip to 2nd license)	☐ Adult Buck ☐ Adult Doe ☐ Fawn (either sex)	☐ Rifle or Pistol ☐ Muzzleloader ☐ Archery		
Full Price License	Main Hunt Area hunted:	□ Yes	days	☐ Yes ☐ No (Skip to 2nd Hunt Area)	☐ Adult Buck ☐ Adult Doe ☐ Fawn (either sex)	Rifle or Pistol Muzzleloader Archery		
2 nd Full Pri	2nd Hunt Area hunted:	□ Yes	days	☐ Yes ☐ No (Skip to Q8)	☐ Adult Buck ☐ Adult Doe ☐ Fawn (either sex)	☐ Rifle or Pistol ☐ Muzzleloader ☐ Archery		
	all Type 6 or 7 redu	partial day of huntin or 7 doe/fawn on	g as 1 day of Prongl Iy Pronghorn licen					
	pioneer licenses) ☐ None (Skip to	o Q9) □ ○	ne □ Tv	vo □ Three	e □ Foui			

Q8a For each Type 6 or 7 doe/fawn only Pronghorn license you held, please write the Hunt Area, License Type, and indicate whether you hunted with this license. (Hunt Area and License Type are on your license documents)

Ту	ype of Doe/Fawn Only License(s) Held Did you hunt with this license?								
1st	doe/fawn license Hunt A	Area:	License Type:	(Type 6 or 7)	☐ Yes ☐ No)			
2n	d doe/fawn license Hunt A	Area:	License Type:	(Type 6 or 7)	☐ Yes ☐ No)			
3rc	d doe/fawn license Hunt A	Area:	License Type:	(Type 6 or 7)	□ Yes □ No)			
4th	n doe/fawn license Hunt A	Area:	License Type:	(Type 6 or 7)	□ Yes □ No)			
Q8I	Please fill in the table below for up to 2 Hunt Areas you mainly hunted with each Type 6 or 7 doe/fawn only Pronghorn license you held, even if you did not harvest a Pronghorn with one or more of these licenses. (The main hunt area is where you harvested, or hunted most if you did not harvest)								
	Hunt Area(s) where you hunted* (Hunt Area numbers range from 1 to 117)	Did you hunt opening day of the gun season in this Hunt Area? (Check one box)	Number of different days hunted in this Hunt Area** (Enter number below)	Did you harvest Pronghorn in th Hunt Area? (Check one bo	harvested in this Hunt Area	Method used to harvest this Pronghorn (Check one box)			
Doe/Fawn License	Main Hunt Area hunted:	☐ Yes	days	☐ Yes ☐ No (Skip to 2 Hunt Area		☐ Rifle or Pistol☐ Muzzleloader☐ Archery			
1 st Doe/Faw	2nd Hunt Area hunted:	☐ Yes	days	☐ Yes ☐ No (Skip to 2 license)	Adult Doe Fawn (either sex)	☐ Rifle or Pistol☐ Muzzleloader☐ Archery			
Doe/Fawn License	Main Hunt Area hunted:	☐ Yes	days	☐ Yes ☐ No (Skip to 2. Hunt Area		☐ Rifle or Pistol ☐ Muzzleloader ☐ Archery			
ρĹ	2nd Hunt Area hunted:	□ Yes	days	☐ Yes ☐ No (Skip to 3 license)	☐ Adult Doe ☐ Fawn (either sex)	☐ Rifle or Pistol ☐ Muzzleloader ☐ Archery			
Doe/Fawn License 2'	Main Hunt Area hunted:	□ Yes	days	☐ Yes ☐ No (Skip to 2 Hunt Area		☐ Rifle or Pistol☐ Muzzleloader☐ Archery			
3 rd Doe/Fawı	2nd Hunt Area hunted:	☐ Yes	days	☐ Yes ☐ No (Skip to 4 license)	Adult Doe Fawn (either sex)	Rifle or Pistol Muzzleloader Archery			

Main Hunt Area hunted:

2nd Hunt Area hunted:

Doe/Fawn License

☐ Yes

☐ No

☐ Yes

☐ No



☐ Archery ☐ Rifle or Pistol

☐ Archery

☐ Archery

☐ Muzzleloader

☐ Rifle or Pistol

☐ Muzzleloader

(either sex)

(either sex)

☐ Adult Doe

☐ Adult Doe

☐ Fawn

☐ Fawn

☐ No (Skip to 2nd

☐ No (Skip to Q9)

Hunt Area)

☐ Yes

☐ Yes

days

days

^{*} Note: Hunt Area map can be found on the back of the survey cover letter

^{**} Note: Please count each partial day of hunting as 1 day of Pronghorn hunting

Private Lands Public Wildlife Access Progra	Private La	nds Public	Wildlife	Access	Progra
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In 1997, the Wyoming Game and Fish Department began the Private Lands Public Wildlife Access Program (PLPW) to improve public hunting and fishing access on private and land-locked public lands through the **Walk-in Area** and **Hunter Management Area** programs. Your response to the following questions will help the Department improve this program to better serve hunters.

Q9		ghorn on any of the F Walk-in Areas are ope ement Areas)				
	☐ Yes	□ No (Skip t	o Q14)	☐ Don't know	(Skip to Q14)	
Q10	during the 2011 s	nt days did you hunt I eason? (Note: Count below; if no days, writ	each partial day			
	Days	hunted in Walk-in Ar	eas	Days hunted in Hu	ınter Managemen	t Areas
Q11	-	erent PLPW Walk-in A ? (If no areas, write 0)		Management Areas d	lid you hunt Prongh	orn during
	Differ	ent Walk-in Areas		Different Hunter N	Management Area	s
Q12		sfied were you with the Hunter Managemen				n the PLPW
	Very Satisfied	Satisfied	Neutral	Dissatisfied	Very Dissatisfied	
Q13	If you were dissat programs, why?	isfied or very dissatisf	ied with the PLF	W Walk-in Area and	or Hunter Manage	ment Area
		Other 2011 E	Big and Trop	hy Game License	es	
Q14	What other 2011 V	Wyoming big or trophy	/ game licenses	did you hold? (Check	call that apply)	
	☐ Black Bear	□ Deer	□Elk □	Mountain Lion	☐ No other license)
		Thank you fo	r your help v	vith this importa	nt study!	
Department with y	ent (WGFD). Pleas your address will be hunting (Note: Individua Please r	ch a sheet of paper with a sheet of paper with e include the hunt are esent directly to WGF information requestal responses to surverteturn your completer Game Hunter Surverted.	ea as well as the D. Please reports, please control y questions are	species hunted with rt poaching violation act the department a confidential and will reference enclosed, postage	your comments. Yours by calling 1-30 at 1-307-777-4600 not be shared with paid envelope to	our comments along 7-777-4330. For .:
68863	320429					password:



2011 WYOMING DEER HUNTER SURVEY

If you prefer to fill out the survey on the Internet (www.wyhunter.org/deer), please use the 8-digit password on the back of this survey.

If you have questions about the survey or prefer to complete it over the phone, please contact

Ben Rouse at 1-800-216-0477 or e-mail: ben.rouse@tetratech.com

Please complete this survey after you have finished hunting or decided not to hunt Deer for the 2011 season.

Q1	Did you hunt Deer in Wyoming during ☐ Yes ☐ No (If y		eason? (Chec			nd skip to Q1	4)		
Q2	How many different days did you hunt Deer in Wyoming during the 2011 season? (<i>Note: Count each partial day of hunting as 1 day of Deer hunting</i>) (Enter number in space below) Number of different days								
Q3	Please indicate your satisfaction when each below)	hunting Do Very Satisfied	eer in Wyomi	ng during t Neutral	he 2011 seas Dissatisfied	on. <i>(Check o</i> Very Dissatisfied	ne box for Not Applicable		
	How satisfied were you with the overall quality of your hunt?								
	If you were contacted by WY Game and Fish personnel while you were in the field, rate your experience.								
Q4	What was the primary method you use the method you spent the most amoun actually used to harvest a Deer) (Chec	nt of time l	hunting Deer						
	☐ Rifle or Pistol ☐ Muzzlelo	ader	☐ Archery (S	kip to Q6)					
Q5	Did you hunt Deer with archery equip ☐ Yes ☐ No <i>(Skip)</i>		yoming during	g the 2011	season? <i>(Cl</i>	neck one box)		
Q6	How many different days did you hun and gun seasons? (<i>Note: Count each below</i>)								
	Number of different day	s hunted w	ith archery ec	luipment d	uring the arch	n ery-only sea	ason		
	Number of different days	s hunted w	ith archery eq	uipment d	uring the gun	season			

Q	17	How many full p a Limited Quota							ns a Gene	eral or	
		□ None (Sk	ip to Q8)	☐ One	1	□Tv	vo				
C)7a	For each full prindicate whether Type, and whether Type of Full Price	r you hunted wit	th this license. with this license	lf you held a l	imite	d quota license	e, ente	r the Hun	nt Area,	License
		1st full price license	General	OR Hunt A	rea:		License Type:		, 2, or 3)	□ Ye	
		2nd full price licens	General	OR Hunt A			License Type:		, 2, or 3)	Y	
		'						(, =, 0. 0)		
Q	Q7b Fill in the table below for up to 2 Hunt Areas you mainly hunted with each full price Deer license, even if you did not harvest a Deer with one or more of these licenses. (The main hunt area is where you harvested, or hunted most if you did not harvest)										
		Hunt Area(s) where you hunted* (Hunt Area numbers range from 1 to 171)	Did you hunt opening day of the gun season in this Hunt Area? (Check one box)	Number of different days hunted in this Hunt Area** (Enter number below)	Percent of tir hunted Mule White-tailed Deer in this H Area (Enter % below	vs. d lunt	Did you harve Deer in this Hunt Area? (Check one b	S ?	Age/se Dee harvest this H Area (Check box	er ed in unt a cone	Method used to harvest this Deer (Check one box)
	Full Price License	Main Hunt Area hunted: (do not list region letter)	☐ Yes ☐ No	days	Mule Deer: White-tailed D 100% TOTAL	eer: %	☐ Yes, Mule deer ☐ Yes, White-tail ☐ No (Skip to 2 Hunt Area	ed deer	☐ Adult☐ Adult☐ Fawn (either	Doe	☐ Rifle or Pistol☐ Muzzleloader☐ Archery
	1 st Full Pri	2nd Hunt Area hunted: (do not list region letter)	☐ Yes ☐ No	days	Mule Deer: White-tailed De 100% TOTAL		☐ Yes, Mule deer ☐ Yes, White-tail ☐ No (Skip to 2 license)	ed deer	☐ Adult☐ Adult☐ Fawn (either	Doe	☐ Rifle or Pistol☐ Muzzleloader☐ Archery
	License	Main Hunt Area hunted: (do not list region letter)	☐ Yes	days	Mule Deer: White-tailed De	% eer:]%	☐ Yes, Mule deer ☐ Yes, White-tail ☐ No (Skip to 2) Hunt Area	ed deer n d	☐ Adult☐ Adult☐ Fawn (either	Doe	☐ Rifle or Pistol☐ Muzzleloader☐ Archery
	2 nd Full Price License	2nd Hunt Area hunted: (do not list region letter)	☐ Yes	days	Mule Deer: White-tailed De 100% TOTAL	% eer:]%	☐ Yes, Mule deel☐ Yes, White-tail☐ No (Skip to Q	r ed deer	Adult	Buck Doe	☐ Rifle or Pistol☐ Muzzleloader☐ Archery
		ote: Hunt Area map lote: Please count e			survey cover l						
C	8	How many Type <i>Type 6, 7, or 8 r pioneer licenses</i>	reduced price D								s all
		□ None (Sk	tip to Q9)	□ One	□Two		☐ Three		☐ Four		

Q8a For each Type 6, 7, or 8 doe/fawn only Deer license, please write the Hunt Area, License Type, and indicate whether you hunted with this license. (Hunt Area and License Type are on your license documents)

Type of Doe/Fawn Only License(s) Held	Did you hunt with this license?		
1st doe/fawn license Hunt Area: License Type: (Type 6, 7, or 8)	☐ Yes ☐ No		
2nd doe/fawn license Hunt Area: License Type: (Type 6, 7, or 8)	☐ Yes ☐ No		
3rd doe/fawn license Hunt Area: License Type: (Type 6, 7, or 8)	☐ Yes ☐ No		
4th doe/fawn license Hunt Area: License Type: (Type 6, 7, or 8)	☐ Yes ☐ No		

Q8b For your first 2 licenses, please fill in the table below for up to 2 Hunt Areas you mainly hunted with the **Type 6, 7, or 8 doe/fawn only** Deer license you held, even if you did not harvest a Deer with one or more of these licenses. If you also held a 3rd or 4th doe/fawn only Deer license, fill in the table with the one Hunt Area you mainly hunted. (The main hunt area is where you harvested, or hunted most if you did not harvest)

	Hunt Area(s) where you hunted* (Hunt Area numbers range from 1 to 171)	Did you hunt opening day of the gun season in this Hunt Area? (Check one box)	Number of different days hunted in this Hunt Area** (Enter number below)	Percent of time hunted Mule vs. White-tailed Deer in this Hunt Area (Enter % below)	Did you harvest a Deer in this Hunt Area? (Check one box)	Age/sex of Deer harvested in this Hunt Area (Check one box)	Method used to harvest this Deer (Check one box)
st Doe/Fawn License	Main Hunt Area hunted:	□ Yes □ No	days	White-tailed Deer: 100% TOTAL	☐ Yes, a Mule deer ☐ Yes, a White-tailed deer ☐ No (Skip to 2nd Hunt Area)	☐ Adult Doe ☐ Fawn (either sex)	☐ Rifle or Pistol☐ Muzzleloader☐ Archery
1 st Doe/Fa	2nd Hunt Area hunted:	□ Yes	days	Mule Deer: White-tailed Deer: 100% TOTAL	☐ Yes, a Mule deer ☐ Yes, a White-tailed deer ☐ No (Skip to 2nd license)	☐ Adult Doe ☐ Fawn (either sex)	☐ Rifle or Pistol ☐ Muzzleloader ☐ Archery
2 nd Doe/Fawn License	Main Hunt Area hunted:	□ Yes	days	Mule Deer: White-tailed Deer: Modern 100% TOTAL	☐ Yes, a Mule deer ☐ Yes, a White-tailed deer ☐ No (Skip to 2nd Hunt Area)	☐ Adult Doe ☐ Fawn (either sex)	☐ Rifle or Pistol☐ Muzzleloader☐ Archery
	2nd Hunt Area hunted:	☐ Yes ☐ No	days	Mule Deer: White-tailed Deer: Modern Mule Deer:	☐ Yes, a Mule deer ☐ Yes, a White-tailed deer ☐ No (Skip to 3rd license)	☐ Adult Doe ☐ Fawn (either sex)	☐ Rifle or Pistol ☐ Muzzleloader ☐ Archery
3 rd Doe/Fawn	Main Hunt Area hunted:	□ Yes	days	Mule Deer: White-tailed Deer: % 100% TOTAL	☐ Yes, a Mule deer ☐ Yes, a White-tailed deer ☐ No (Skip to 4th license)	☐ Adult Doe ☐ Fawn (either sex)	☐ Rifle or Pistol☐ Muzzleloader☐ Archery
4 th Doe/Fawn	Main Hunt Area hunted:	□ Yes	days	Mule Deer: White-tailed Deer: Mow TOTAL	☐ Yes, a Mule deer ☐ Yes, a White-tailed deer ☐ No (Skip to Q9)	☐ Adult Doe☐ Fawn (either sex)	☐ Rifle or Pistol☐ Muzzleloader☐ Archery

*Note: Hunt Area map can be found on the back of the survey cover letter

^{**}Note: Please count each partial day of hunting as 1 day of Deer hunting

Private Lands Public Wildlife Access Program

In 1997, the Wyoming Game and Fish Department began the Private Lands Public Wildlife Access Program (PLPW) to improve public hunting and fishing access on private and land-locked public lands through the **Walk-in Area** and **Hunter Management Area** programs. Your response to the following questions will help the Department improve this program to better serve hunters.

	Q9	Did you hunt Deer on any of the PLPW Walk-in Areas or Hunter Management Areas during the 2011 season? (Note: Walk-in Areas are open to hunting without a permission slip, but a permission slip is needed for Hunter Management Areas)									
		☐ Yes	☐ No (Skip to	Q14)	☐ Don't kno	w (Skip to Q1	4)				
	Q10		(Note: Count each p		Walk-in Areas or Huunting as 1 day of De						
		Days h	nunted in Walk-in Are	eas	Days hunted in I	Hunter Manaç	jement Areas				
	Q11	In how many differed 2011 season? (If no		reas or Hunte	r Management Areas	did you hunt I	Deer during the				
		Differe	nt Walk-in Areas		Different Hunter	Managemen	t Areas				
	Q12				Vyoming Game and Ins? (Check one box b		hrough the PLPW				
		Very Satisfied	Satisfied	Neutral	Dissatisfied	Very Dissatis					
	Q13	If you were dissatis programs, why?	sfied or very dissatisfi	ied with the Pl	_PW Walk-in Area ar	nd/or Hunter M	anagement Area				
			Other 2011 Bi	g and Trop	hy Game Licens	ses					
-	Q14	What other 2011 V	Vyoming big or troph	y game licens	es did you hold? (Ch	eck all that ap	oly)				
		☐ Pronghorn	☐ Black Bear	□ Elk	☐ Mountain Lion	☐ No other	-,				
			Thank you for	your help v	vith this importa	nt study!					
	partmen	nt (WGFD). Please in ur address will be se hunting in	nclude the hunt area ent directly to WGFD formation requests	as well as the Please repo, please cont	ts you would like to slespecies hunted with rt poaching violatio act the department confidential and will i	your commen ns by calling at 1-307-777-	ts. Your comments 1-307-777-4330. Fo 4600.	along			
W	yoming				e enclosed, postage ech, 6410 Enterprise			3719			
		•					password:	_			

2011 WYOMING ELK HUNTER SURVEY

If you prefer to fill out the survey on the Internet (www.wyhunter.org/elk), please use the 8-digit password on the back of this survey.

If you have questions about the survey or prefer to complete it over the phone, please contact Ben Rouse at 1-800-216-0477 or e-mail: ben.rouse@tetratech.com

Please complete this survey after you have finished hunting or decided not to hunt Elk for the 2011 season.

Q1	Did you hunt Elk in Wyoming during the 2011 season? (Check one box)											
	☐ Yes	□ No (If y	ou did not h	nunt Elk in the	2011 seas	on, check "No	o" and skip to	Q14)				
Q2	How many different days did you hunt Elk in Wyoming during the 2011 season? (Note: Count each partial day of hunting as 1 day of Elk hunting) (Enter number in space below)											
	Number of	of different day	/S									
Q3	Please indicate your satis	sfaction when	hunting Elk	in Wyoming	during the	2011 season	. (Check one	box for				
			Very Satisfied	Satisfied	Neutral	Dissatisfied	Very Dissatisfied	Not Applicable				
	How satisfied were you voverall quality of your hu											
	If you were contacted by and Fish personnel while the field, rate your exper	e you were in										
Q4	What was the primary method you used to hunt Elk in Wyoming during the 2011 season? (This would be the method you used the most amount of time hunting Elk and may or may not be the method you actually used to harvest an Elk) (Check one box only)											
	☐ Rifle or Pistol	□ Muzzlelo	oader	☐ Archery (Skip to Q6)						
Q5	Did you hunt Elk with arc	chery equipme	nt in Wyom	ing during the	e 2011 sea	son? (Check	one box)					
	□ Yes	□ No (Ski	p to Q7)									

	How many different days did you hunt Elk with archery equipment in Wyoming during the 2011 archery and gun seasons? (Note: Count each partial day of hunting as 1 day of Elk hunting) (Enter number in space below) Number of different days hunted with archery equipment during the archery-only season										
	Number of different days hunted with archery equipment during the gun season										
2011 Elk Hunt Information											
Q7 Did you hold a full price Elk license for 2011? (Reminder: Full Price means a General or a Limited Quota Type 1, 2, 4, 5, or 9 regular, youth, pioneer or landowner Elk license)											
	☐ Yes	Г	☐ No (Skip to Q8)								
Q7a	Did you hunt	with this full price	Elk license?								
	☐ Yes	-	□ No (Skip to Q8)								
Q7b		arvest with this lice			d with this full price It you harvested, or hull						
w (H num	nt Area(s) here you hunted* lunt Area bers range n 1 to 130)	Did you hunt opening day of the gun season in this Hunt Area? (Check one box)	Number of different days hunted in this Hunt Area** (Enter number below)	Did you harvest an Elk in this Hunt Area? (Check one box)	Age/sex of Elk harvested in this Hunt Area (A mature bull is any branch-antlered bull; a calf includes both male and female calf) (Check one box)	Method used to harvest this Elk (Check one box)					
Main hunte	Hunt Area ed:	□ Yes □ No	days	☐ Yes ☐ No (Skip to 2nd Hunt Area)	☐ Mature Bull ☐ Spike Bull ☐ Adult Cow ☐ Calf	☐ Rifle or Pistol ☐ Muzzleloader ☐ Archery					
2nd I	Hunt Area ed:	□ Yes	days	☐ Yes ☐ No (Skip to 3rd Hunt Area)	☐ Mature Bull ☐ Spike Bull ☐ Adult Cow ☐ Calf	☐ Rifle or Pistol ☐ Muzzleloader ☐ Archery					
3rd F	lunt Area ed:	□ Yes	days	☐ Yes ☐ No (Skip to Q8)	☐ Mature Bull ☐ Spike Bull ☐ Adult Cow ☐ Calf	☐ Rifle or Pistol ☐ Muzzleloader ☐ Archery					

^{*}Note: Hunt Area map can be found on the back of the survey cover letter **Note: Please count each partial day of hunting as 1 day of Elk hunting

Q8	How many Type 6, 7, or 8 cow/calf only Elk licenses did you hold for 2011? (Reminder: Includes all Type 6, 7, or 8 cow/calf Elk licenses, including Type 6, 7, or 8 reduced price youth and pioneer licenses)									
	☐ None (Skip to	o Q9) □	One	□ Two						
Q8a	• • • •		•	•	Hunt Area, License your license docume					
	Type of Cow/Calf On	ly License(s) Hel	d		Did you hunt w	ith this license?				
	1st cow/calf license H	unt Area:	License Type	(Type 6, 7, or	8)	□ No				
	2nd cow/calf license H	unt Area:	License Type	: (Type 6, 7, or	8)	□ No				
Q8b	8b Please fill in the table below for up to 2 Hunt Areas you mainly hunted with each Type 6, 7, or 8 cow/calf only Elk license you held, even if you did not harvest an Elk with one or more of these licenses. (The main hunt area is where you harvested, or hunted most if you did not harvest)									
	Hunt Area(s) where you hunted* (Hunt Area numbers range from 1 to 130)	Did you hunt opening day of the gun season in this Hunt Area? (Check one box)	Number of different days hunted in this Hunt Area** (Enter number below)	Did you harvest an Elk in this Hunt Area? (Check one box)	Age/sex of Elk harvested in this Hunt Area (A calf includes both a male and female calf) (Check one box)	Method used to harvest this Elk (Check one box)				
Cow/Calf License	Main Hunt Area hunted:	□ Yes □ No	days	☐ Yes ☐ No (Skip to 2nd Hunt Area)	☐ Adult Cow ☐ Calf	☐ Rifle or Pistol☐ Muzzleloader☐ Archery				
1 st Cow/Cal	2nd Hunt Area hunted:	□ Yes □ No	days	☐ Yes ☐ No (Skip to 2nd license)	☐ Adult Cow ☐ Calf	☐ Rifle or Pistol ☐ Muzzleloader ☐ Archery				
alf License	Main Hunt Area hunted:	□ Yes □ No	days	☐ Yes ☐ No (Skip to 2nd Hunt Area)	☐ Adult Cow ☐ Calf	☐ Rifle or Pistol ☐ Muzzleloader ☐ Archery				
2 nd Cow/Calf License	2nd Hunt Area hunted:	□ Yes	days	☐ Yes ☐ No (Skip to Q9)	☐ Adult Cow ☐ Calf	☐ Rifle or Pistol ☐ Muzzleloader ☐ Archery				

*Note: Hunt Area map can be found on the back of the survey cover letter



^{**}Note: Please count each partial day of hunting as 1 day of Elk hunting

Private Lands Public Wildlife Access Program

In 1997, the Wyoming Game and Fish Department began the Private Lands Public Wildlife Access Program (PLPW) to improve public hunting and fishing access on private and land-locked public lands through the **Walk-in Area** and **Hunter Management Area** programs. Your response to the following questions will help the Department improve this program to better serve hunters.

Q9	Did you hunt Elk on a (Note: Walk-in Areas Hunter Management	s are open to hunti		unter Management A ission slip, but a pern		
	☐ Yes	□ No <i>(Ski)</i>	o to Q14)	☐ Don't know	w (Skip to Q1	4)
Q10	How many different 2011 season? (Note if no days, write 0)			lk-in Areas or Hunter as 1 day of Elk huntir		
	Days h	unted in Walk-in A	Areas	ays hunted in Hunte	r Managemer	nt Areas
Q11	In how many differe season? (If no area		Areas or Hunter M	anagement Areas di	d you hunt Elk	during the 2011
	Differe	ent Walk-in Areas		oifferent Hunter Man	agement Area	as
Q12	Overall, how satisfic Walk-in Area and F	•		oming Game and Fis (Check one box belo	•	ough the PLPW
	Very Satisfied	Satisfied	Neutral	Dissatisfied	Very Dissatisfie	1
Q13	If you were dissatis programs, why?	sfied or very dissat	isfied with the PLF	PW Walk-in Area and	l/or Hunter Ma	nagement Area
		Other 2011 I	Big and Troph	y Game License	S	
Q14	What other 2011 V	Vyomina hia or tro	nhy game licenses	s did you hold? (Ched	rk all that anni	<i>(</i>)
Q 14	☐ Pronghorn	□ Black Bear	. , ,	☐ Mountain Lic		v) No other license
		Thank you fo	r your help wi	th this important	study!	
partme with yo	nt (WGFD). Please in our address will be se hunting inf (Note: Individual re Please retu	sheet of paper windled the hunt are not directly to WGF ormation requestes ponses to survern your complete	th any comments a as well as the spot of t	you would like to shan becies hunted with yo poaching violations t the department at infidential and will not nclosed, postage-p	re with the Wy our comments. by calling 1- 1-307-777-46 the shared with	00. th WGFD) to :
yomin	g Big and Trophy Ga	ame Hunter Surve	ey, c/o Tetra Tecl	n, 6410 Enterprise L	ane, Suite 30	0, Madison WI 53719
						password:



2011 WYOMING BLACK BEAR HUNTER SURVEY

If you prefer to fill out the survey on the Internet (www.wyhunter.org/blackbear), please use the 8-digit password on the back of this survey.

If you have questions about the survey or prefer to complete it over the phone, please contact Ben Rouse at 1-800-216-0477 or e-mail: ben.rouse@tetratech.com

Please complete this survey after the fall 2011 Black Bear season or after you decided not to hunt Black Bear for the season.

Q1	Did you hunt Black Bear in Wyoming at any time during the 2011 season? (Check one box)						
	☐ Yes ☐ No (If you did not hunt black bear during 2011, check "No" and skip to Q11)						1)
Q2	Please indicate your satisfaction when hunting Black Bear in Wyoming during the 2011 season. (Check one box for each below)						
		Very Satisfied	Satisfied	Neutral	Dissatisfied	Very Dissatisfied	Not Applicable
	How satisfied were you with the overall quality of your hunt?						
	If you were contacted by WY Game and Fish personnel while you were in the field, rate your experience.						
Q3	Did you hunt Black Bear with archery ed	quipment in '	Wyoming du	ring the 20)11 season? ((Check one b	pox)
	☐ Yes ☐ No (S	kip to Q5)					
Q4	4 How many different days did you hunt Black Bear with archery equipment in Wyoming during the 2011 arche and gun seasons? (Note: Count each partial day of hunting as 1 day of Black Bear hunting) (Enter number in space below)						
	Number of different day	s hunted wit	h archery eq	uipment d	uring the arch	n ery-only se	ason
	Number of different day	s hunted wit	h archery eq	uipment d	uring the gun	season	

Did you nunt Black Bear in wyoming during the spring of 2011? (Check one box)								
	□ Yes	□ No (Skip to Q8)						
Q6	How many different days did you hunt Black Bear during the spring of 2011? (Note: Count each partial day of hunting as 1 day of Black Bear hunting) (Enter number in space below) Number of different days hunted Black Bear during the spring of 2011							
Q7	Q7 Please tell us about your Black Bear hunting effort during the spring of 2011. (Fill in the table below for each Hunt Area hunted) (The main hunt area is where you harvested, or hunted most if you did not harvest)							
(F	Number of the Hunt Area(s) where you hunted Black Bear during the spring of 2011* Hunt Area numbers range from 1 to 35)	Number of different days you hunted Black Bear in this Hunt Area during the spring of 2011** (Enter number below)	Did you harvest a Black Bear during the spring of 2011 in this Hunt Area? (Check one box)	Method used to harvest this Bear (Check one box)				
M	lain Hunt Area hunted:	days	☐ Yes ☐ No (Skip to 2nd Hunt Area)	☐ Rifle or Pistol ☐ Muzzleloader ☐ Archery				
21	nd Hunt Area hunted:	days	☐ Yes ☐ No (Skip to 3rd Hunt Area)	☐ Rifle or Pistol ☐ Muzzleloader ☐ Archery				
3	rd Hunt Area hunted:	days	☐ Yes ☐ No (Skip to 4th Hunt Area)	☐ Rifle or Pistol ☐ Muzzleloader ☐ Archery				
41	th Hunt Area hunted:	days	☐ Yes ☐ No (Skip to 5th Hunt Area)	☐ Rifle or Pistol ☐ Muzzleloader ☐ Archery				
51	th Hunt Area hunted:		☐ Yes	☐ Rifle or Pistol				

Spring 2011 Black Bear Hunting Experiences

*Note: Hunt Area map can be found on the back of the survey cover letter

days

☐ Muzzleloader

☐ Archery

(Skip to Q8)

□ No

^{**}Note: Please count each partial day of hunting as 1 day of Black Bear hunting

Fall 2011 Black Bear Hunting Experiences							
Q8 Did you hunt Black Bear in Wyoming during the fall of 2011? (Check one box)							
□Yes	□ No (Skip to Q11)						
How many different days did you hunt Black Bear during the fall of 2011? (Note: Count each partial day of hunting as 1 day of Black Bear hunting) (Enter number in space below) Number of different days hunted Black Bear during the fall of 2011							
	Q10 Please tell us about your Black Bear hunting effort during the fall of 2011. (Fill in the table below for each Hunt Area hunted) (The main hunt area is where you harvested, or hunted most if you did not harvest)						
Number of the Hunt Area(s) where you hunted Black Bear during the fall of 2011* (Hunt Area numbers range from 1 to 35)	Number of different days you hunted Black Bear in this Hunt Area during the fall of 2011** (Enter number below)	Did you harvest a Black Bear during the fall of 2011 in this Hunt Area? (Check one box)	Method used to harvest this Bear (Check one box)				
Main Hunt Area hunted:	days	☐ Yes ☐ No (Skip to 2nd Hunt Area)	☐ Rifle or Pistol ☐ Muzzleloader ☐ Archery				
2nd Hunt Area hunted:	days	☐ Yes ☐ No (Skip to 3rd Hunt Area)	☐ Rifle or Pistol ☐ Muzzleloader ☐ Archery				
3rd Hunt Area hunted:	days	☐ Yes ☐ No (Skip to 4th Hunt Area)	☐ Rifle or Pistol ☐ Muzzleloader ☐ Archery				
4th Hunt Area hunted:	days	☐ Yes ☐ No (Skip to 5th Hunt Area)	☐ Rifle or Pistol ☐ Muzzleloader ☐ Archery				
5th Hunt Area hunted:	days	☐ Yes ☐ No (Skip to Q11)	☐ Rifle or Pistol ☐ Muzzleloader ☐ Archery				
*Note: Hunt Area map can be found on the back of the survey cover letter **Note: Please count each partial day of hunting as 1 day of Black Bear hunting							
Other 2011 Big and Trophy Game Licenses							
•	ning big or trophy game lice Deer □ Elk	nses did you hold? <i>(Check all</i> ☐ Mountain Lion ☐ N	that apply)				

Thank you for your help with this important study!
Comments: Feel free to attach a sheet of paper with any comments you would like to share with the Wyoming Game and Fish Department (WGFD). Please include the hunt area as well as the species hunted with your comments. Your comments along with your address will be sent directly to WGFD. Please report poaching violations by calling 1-307-777-4330. For hunting information requests, please contact the department at 1-307-777-4600. (Note: Individual responses to survey questions are confidential and will not be shared with WGFD)
Please return your completed survey in the enclosed, postage-paid envelope to: Wyoming Big and Trophy Game Hunter Survey, c/o Tetra Tech, 6410 Enterprise Lane, Suite 300, Madison WI 53719
password:



WYOMING GAME AND FISH DEPARTMENT MOOSE HARVEST SURVEY

HUNTER KEY



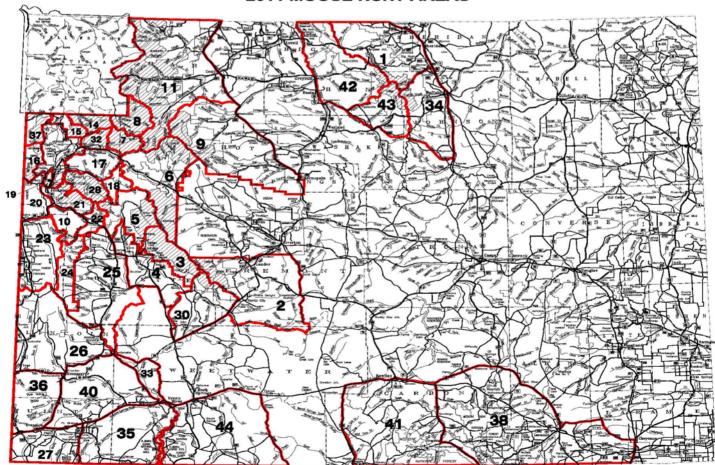
Dear Moose Hunter,

We are asking you to participate in the WYOMING GAME AND FISH DEPARTMENT MOOSE SURVEY for the 2011 season (Sept 1, 2011 through Nov 20, 2011). Our biologists use the results of this survey to monitor populations and recommend hunting seasons. Your responses are confidential and very important even if you did not hunt moose or were unsuccessful. We appreciate your assistance with this survey and thank you in advance for your help. You may complete this survey in one of two ways: via the Internet go to http://gf.state.wy.us/HarvestSurvey/ and enter the Hunter Key, as it appears above your name and address, to use the electronic survey form, OR complete the survey on the back and return it to us by NOVEMBER 28, 2011 in the enclosed prepaid envelope.

Please check here if you DID NOT hunt moose this season.

If you DID hunt, using the map below, please complete the survey on the back.

2011 MOOSE HUNT AREAS



THIS MAP IS FOR GENERAL REFERENCE ONLY. Please use the written boundary descriptions in this regulation for detailed boundary information.

e: ////// Wildemess area, nonresidents must have guides

Your Hunt	hunt area you hunted (see map)	total number of days you hunted moose	Did you harvest a moose?	What did you harvest?	date of harvest	Approximately, how many moose did you see during your hunt?	
Your	hunt area #		☐yes ☐no	bull cow			
Your Weapon	Please enter the number of days hunted with each type of weapon.	firearm	archery	weapon used to harvest			
Your V				firearm archery			
CC	COMMENTS:						
_							

Thank you for your help with this important survey!

Wyoming Game and Fish Department
Biological Services
5400 Bishop Blvd
Cheyenne, WY 82006
(307) 777234588